Human Parkin Alexa Fluor® 532-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 323302

Catalog Number: FAB1438X

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Parkin in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human Parkin-2 is observed.
Source	Monoclonal Mouse IgG_{2B} Clone # 323302
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human Parkin Met1-Val465 Accession # O60260
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Parkin is a 465 amino acid protein with an N-terminal ubiquitin-like domain, a linker region, a C-terminal TRIAD domain consisting of two RING finger motifs flanking a cysteine-rich IBR (in between RING fingers) motif. Mutations in Parkin are a major cause of autosomal recessive juvenile parkinsonism. Parkin-2 lacks exon 5, which encodes aa 179-206 of Parkin.

PRODUCT SPECIFIC NOTICES

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